

## **California Weather-Hydro Conditions during June 2017**

As of June 30, 2017, statewide hydrologic conditions were as follows: precipitation, 160 percent of average to date; runoff, 220 percent of average to date; and reservoir storage, 115 percent of average to date.

Sacramento River Region unimpaired runoff, for Water Year 2017, observed through June 30, 2017 was about 36.2 million acre-feet (MAF), which is about 220 percent of average. In comparison to Water Year 2016, the observed Sacramento River Region unimpaired runoff through June 30, 2016 was about 16.4 MAF, or about 100 percent of average. San Joaquin River Region unimpaired runoff, for Water Year 2017, observed through June 30, 2017 was about 16.4 MAF, which is about 261 percent of average. In comparison to Water Year 2016, the observed San Joaquin River Region unimpaired runoff through June 30, 2016 was about 5.9 MAF, or about 93 percent of average. Tulare Lake Region unimpaired runoff, for Water Year 2017, observed through June 30, 2017 was about 6.4 MAF, which is about 244 percent of average. In comparison to Water Year 2016, the observed Tulare Lake Region unimpaired runoff through June 30, 2016 was about 1.8 MAF, or about 71 percent of average.

On June 30, 2017, the Northern Sierra 8-Station Precipitation Index Water Year total was 94.2 inches, which is about 193 percent of the seasonal average to date and 188 percent of an average water year (50.0 inches). During June, the total precipitation for the 8-Stations was 0.8 inches, or about 80 percent of average for the month. Last year on June 30, 2016, the Water Year 2016 seasonal total for the 8-Stations was 57.8 inches, or about 119 percent of average.

On June 30, 2017, the San Joaquin 5-Station Precipitation Index Water Year total was 71.5 inches, which is about 181 percent of the seasonal average to date and 175 percent of an average water year (40.7 inches). During June, the total precipitation for the 5-Stations was 0.1 inches, or about 16 percent of average for the month. Last year on June 30, 2016, the Water Year 2016 seasonal total for the 5-Stations was 40.0 inches, or about 101 percent of average.

On June 30, 2017, the Tulare Basin 6-Station Precipitation Index Water Year total was 46.1 inches, which is about 162 percent of the seasonal average to date and 157 percent of an average water year (29.2 inches). During June, the total precipitation for the 6-Stations was 0.1 inches, or about 25 percent of average for the month. Last year on June 30, 2016, the Water Year 2016 seasonal total for the 6-Stations was 25.7 inches, or about 91 percent of average.

<b>Daily Precipitation (in inches) for Selected Stations as of 06/30/2017</b>					
Station	Water Year 2017 to June 30, 2017	% Average	Water Year 2016 to June 30, 2016	% Average	WY 2017 % of Avg Water Year (Oct 1 – Sep 30)
Mount Shasta	59.40	141	40.93	97	136
Eureka	51.41	131	43.61	111	127
Redding	45.54	135	37.30	111	132
South Lake Tahoe	47.06	250	22.06	117	231
Sacramento Executive Airport	32.97	181	16.14	89	178
Santa Rosa (Sonoma Co AP)	58.21	162	30.43	85	160
San Francisco	32.06	137	22.12	95	136
Stockton	21.62	157	16.60	121	154
Yosemite	74.44	203	36.07	98	196
Monterey	24.20	152	21.54	136	150
Paso Robles	14.19	114	7.37	59	111
Fresno	17.20	152	14.33	127	150
Bakersfield	7.80	123	5.44	86	121
Death Valley	1.28	66	1.61	83	54
Los Angeles	17.69	121	6.35	43	118
Riverside	11.89	99	5.17	43	96
Palm Springs	6.96	145	2.50	52	121
San Diego	12.27	121	7.73	76	119

Key Reservoir Storage (1,000 AF) as of 06/30/2017								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	2,167	2,086	104	2,448	89	---	281
Shasta Lake	Sacramento	4,211	3,650	115	4,552	93	-341	341
Lake Oroville	Feather	2,331	2,887	81	3,538	66	-1,207	1,207
New Bullards Bar Res	Yuba	960	830	116	966	99	-6	6
Folsom Lake	American	953	810	118	977	98	-24	24
New Melones Res	Stanislaus	2,181	1,532	142	2,400	91	-10	239
Don Pedro Res	Tuolumne	1,985	1,618	123	2,030	98	23	45
Lake McClure	Merced	1,011	732	138	1,025	99	-14	14
Millerton Lake	San Joaquin	493	416	119	520	95	-27	27
Pine Flat Res	Kings	992	691	144	1,000	99	-8	8
Isabella	Kern	353	313	113	568	62	-9	215
San Luis Res	(Offstream)	1,997	1,293	154	2,041	98	---	42

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for July 2017, issued June 30, 2017, suggests average precipitation for all of California